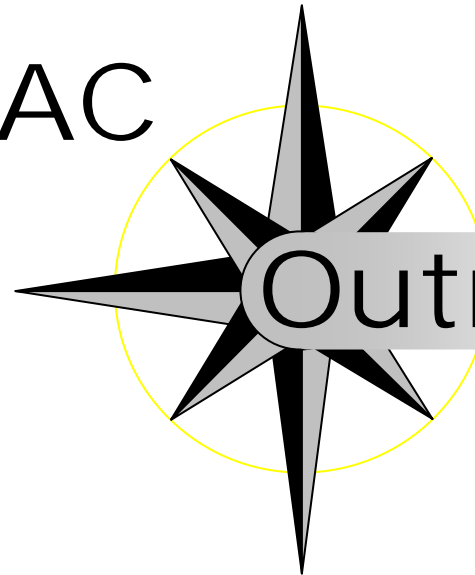


An SC06 Introduction to the

SciDAC



Outreach

Center

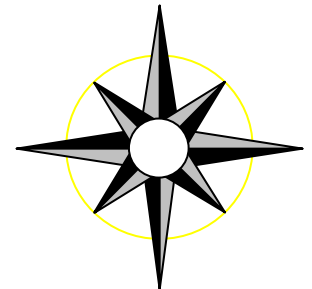
Motivation

- The SciDAC-1 review pointed to a need for a central resource for inquiries and technical information about SciDAC and Petascale Computing
- The Outreach Center provides this cohesion as a central point of communication about SciDAC events, resources, and information
- Reinforce the SciDAC mission by bringing its information and technologies to new venues in DOE, academia, and industry through electronic and in-person outreach



SciDAC Outreach Center Mission

- Provide services that make SciDAC supported technologies more accessible both within and outside the SciDAC community
- Field inquiries about SciDAC that range from general information to technical specifics
- Assist in deployment and bridge gaps between SciDAC stakeholders
- Provide a central orientation for all things SciDAC. Get interested parties to the right resources.



What is outreach? It has several meanings.

Our proposal focuses on two approaches

- Innovative web and software services
 - Tools which make SciDAC researchers more effective at delivering their technologies
 - Information services which provide an easy interface to SciDAC for all involved
- In person outreach
 - Workshops, trainings, and event coordination
 - Getting the right people to the right audiences

Relationships within SciDAC

- Initial dialogue with all PIs (ongoing)
- SciDAC PIs can call upon us for
 - Software development and automated testing services
 - Shared editable webspaces (public and group-only)
 - Shared calendaring of SciDAC related conferences and events
 - A venue to inform the public and DOE about your research
 - Application performance profiling services
 - Basic project management and reporting services
 - Coordination of in person trainings and events
 - Email list management, wikis, instant messaging

Relationships beyond SciDAC

- Resource identification
 - Getting interested parties to the right resource
 - Web services for projects or links to their existing resources
- Workshops
 - Based on interest we can support a small number of workshops
- Experts in the field
 - Support SciDAC researchers traveling to new communities, conferences, and research environments
- Follow-up and Follow-through
 - SDOC staff are ready to help with post-training implementation, evaluation, and write-up

SDOC resources (planned)

- Staff
 - Coordinator : resource matchmaker, HPC expert, speaker & trainer
 - HPC Analyst / Writer : HPC applications specialist, trouble shooter, software documentation and review
 - Software Engineer: web and information services, software practices expert
- outreach.scidac.gov
 - Information and links to everything SciDAC
 - Software repository and HPC Clearinghouse
 - Web and SW services for SciDAC projects

SDOC Status

- Initial web site up, no unified web or software services yet, have provided hosting and limited web services to some projects
- Answering phone and email inquiries
- Initial contact with many PI's (not all yet)
- Currently staffing up
- Expect more full deployment in early 2007

How to Contact Us

We are interested in your thoughts and inquiries about what will make SciDAC-2 wildly successful. Please contact us with your questions or feedback.

- Email : help@outreach.scidac.gov
- Phone : 1-866-470-5547

Thanks!

